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NEWS	18	JUL	28	EPFULL enhanced with additional legal status
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NEWS		JUL		IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS		JUL		STN Viewer performance improved
NEWS		AUG		INPADOCDB and INPAFAMDB coverage enhanced
NEWS	22	AUG	13	CA/CAplus enhanced with printed Chemical Abstracts
	0.0			page images from 1967-1998
NEWS		AUG		CAOLD to be discontinued on December 31, 2008
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NEWS	25	AUG	25	CA/CAplus, CASREACT, and IFI and USPAT databases
NAME OF THE OWNER,	0.0	3110	0.7	enhanced for more flexible patent number searching
NEWS	26	AUG	21	CAS definition of basic patents expanded to ensure
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NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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ring nodes : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 chain bonds :

5-6 8-11 14-16 18-21

ring bonds :

 $1\!-\!2^{'}\,\bar{1}\!-\!5^{'}\,\bar{2}\!-\!3$ 3-4 4-5 6-7 6-10 7-8 8-9 9-10 11-12 11-15 12-13 13-14 14-15 16-17 16-20 17-18 18-19 19-20 21-22 21-25 22-23 23-24 24-25 exact/norm bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-10 7-8 8-9 9-10 11-12 11-15 12-13 13-14 14-15 16-17 16-20 17-18 18-19 19-20 21-22 21-25 22-23 23-24 24-25 exact bonds: 5-6 8-11 14-16 18-21

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 23:Atom 24:Atom 25:Atom 25:Atom

L1 STRUCTURE UPLOADED

=> d 11 L1 HAS NO ANSWERS

L1 STR

Structure attributes must be viewed using STN Express query preparation.

=> s 11
SAMPLE SEARCH INITIATED 09:52:51 FILE 'REGISTRY'
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100.0% PROCESSED 236 ITERATIONS SEARCH TIME: 00.00.01 0 ANSWERS

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L2 0 SEA SSS SAM L1

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L3 11 SEA SSS FUL L1

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11 ANSWERS

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=> s 13 L4 5 L3

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ARMMER 1 OF 5 CAPLUS COPTRIGHT 2008 ACS on STN Entered STN: 12 Jan 2008 New ollopothiophemes having a photochromic swatching unit were

MAILING
(Upon irradiation with UV and visible light the oligomers underwent photochronic reactions in solution. The chain length dependence on the photocractivity was examined to reveal that the reactivity decreased as

chain length gets longer. These nois, can be used as new photoswatching

2006:20176 CAPLUS 144:212599

144:212599
Photochromic oligothiophenes
Taniuji, Mooki, Irie, Maschiro, Matsuda, Kenji
Precursory Rossarch for Embryonic Science and
Technology (PMESTO), Japan Science and Technology
Agency (STD), Nyakh University, 744 Motocka,

813-0335, Japan Checkstry Letters (2005), 34(12), 1580-1581 CODEN: CMLTAG, 1889: 0366-7022 Chemical Society of Japan

| NORTHEAN | Chain | Northean | N

14 AMMER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

REPRESENCE COURSE. 14 THERE ARE 14 CITED REPERSONS AVAILABLE FOR RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 MCS on STN (Continued) hexafluoro-4,5,6,70-tetrahydro-3,7,70-trinethyl-2-pheryl-948-indeno[5,4-hi6.7-b*] dithhoobses-0,74-dithhis-(SCI) (CA IMBEN NAME)

EN 875936-42-8 CAPLUS CN [2,24:51,24:51,24:51,24:40] Onterthiophene)-5-carboxaldehyde,

5***,5*******=(4,4,5,5,6,6-bexafluoro-4,5,6,9b-tetrahydro-3,7,9b-trimethyl 2-phenyl-3aH-indeno[5,4-b:6,7-b*]dithlophene-8,3a-diyl)bin- (SCI) [CJ HENCK RAWE)

875936-43-9 CAPLUS
[2,245,224,554,2245-0aterthiophene]-5-carbonaldehyde,
514,544544-44,4,5,5,6,6-hexafluoro-4,5,6,90-tetrahydro-90-methory-3,7dimethyl-2-9henyl-9a8-indemo[5,4-016,7-01]dithiophene-9,9a-duyl)bis-

ANSWER 2 OF 5 CAPLUS COPYRIGHT 2000 ACS on SYN Entered SYN: 00 Dec 2003

were characterized, showing that 1 can exist in at least five different

water contained to the contained to the

160:162411 rough from 3,2***,*****-inis (buty) kuulfanyl)-Radical toos from 3,2***,*****-inis (buty) kuulfanyl)-serithiophene: Ne opparimental and theoretical study of the p- and n-doped oligoma: Alberta, Ampeloy Hallarin, Rathara Guerra, Musizio, Macchantelli, Bantey Housel, Adeley Ratenti, AUTROR(8): Prancesca

Schemett, Luisa, Beeber, Remato, Kamardi, Chiara Istinio per la Sintexi e la Potoreattivita ISDT-CUB, Bologra, 4013, Italy ChemPyschem [2003], 4(11), 1216-1225 CODDR: CDCST, ISSN: 1479-4275 Wiley-VCB Verlag GabB & 60. MSA CORPORATE BOURCE:

09/09/2008,10566166II.trn

JREMER 2 OF 5 CAPLUS COFFRIGHT 2008 ACS on STN (Continued)
655228-13-2 CAPLUS
2,2155,22151,2211,2511,2111,2111,21111,21111-Sexithiophene,
2,3111,31111-criz(butylthio)-2111,3111-dihydro-, ion(2-) (RCI) (CA

THERE ARE 57 CITED REFERENCES AVAILABLE FOR

ANSWER 3 OF 5 CANCES COPENSET 2009 ACE on STM (Continued) preps, of preps, of preps, of preps, of continued) preps, of continued preps, of continued ace of thick the continued ace of the continued a

214044-45-8 CAPLUS

Young, Shawquia, Page 6

14 AMEMER 3 OF 5 CAPLES COPTRIGHT 2008 MCS on STN
ED Retered STM: 10 Oct 1996
All The method for preparing, e.g., polythiophene uses a precursor having tetrahydrothiophene or TEV mutta having arylthio or alkylthio substitutents. The precursor is soluble and can be thermally converted

Descriptions. The presence is column and one he thermally connected in the presence of the column and the colum

Boave, Wolter; Mighberg, Bans Eominklijke Philips Electronics N.V., Neth. Eur. Pat. Appl., 19 pp. CODER: EPYKEM Patent

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: English PATERT NO.

US 1998-39599 US 1998-150670 US 1999-249968 EP 1997-200760 US 5919951 US 6184540 PRIORITY APPLE, INFO.

05 1998-158630

17 214044-38-9P 214044-41-4P 214044-44-7P
214044-45-8P
KL: SPN (Synthetic preparation); PREP (Preparation)

14 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR RECORD. ALL CITATIONS AVAILABLE IN THE RE

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ASSINGE 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

perman 5 of 5 CARLOS CONTRIGHT 2000 MC on STM between STM, 200 to 1992. The structure of a low-bandap companted polymer, polyfathiansphthese featurements are performed to the polymer and on a series of model, inothiansphthese mols. These mol. compds, are designed and prepared to combinate oreas populate into many games appropriate of the combinate cross-spoilate inter many same appropriate consequently and proton-dephasing supps. As a function of the polarization and the little of illustration of the design to their section of the

he polymer. Quantum-chemical calens, using the Nestin Model 1 semisopiries Bamiltonian are performed on I oligomers of various lengths. The

mailtoniam are performed on I oligomers of warlows lengths. The relative process of the architecture of the architecture and quincid valence bond incomers are estimated in relation to the corresponding values of polythiopheme. Finally, the electronic properties (Bandeys), lomination protential) of architecture and quincid and process of the process

quinois availated with the walence effective Banitonian method and to the capt. data.

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TO the capt. data.

1992(6)2102 CAPAGE
GRICHER 11992(6)2102 CAPAGE
GRICHER EFFERCE NO.: 1174(4)6504, 49546

Devi-Raddepp com/posited polymers. A joint

TITLE: experimental and theoretical study of the structure of polyisothianaphtheme Boognartems, 1., Mdriaemsens, P.; Vanderrande, D.; Gelan, J.; Quattrocthi, C.; Larzaroni, R.; Bredan, J. AUTROR (5) a

CORPORATE SOURCE: L. Inst. Materiaalonderzoek, Limburg Univ., Diepenbeek, B-3590, Belg. Macromolecules [1992], 25(26), 7347-56 CCDEM: NAMORK, 1898: 0024-9297

SOURCE DOCUMENT TYPE: LANGUAGE: 1T 144692-64-8